

MULTILAYER CAPACITOR

ABSTRACT

5 Internal dielectric layers isolated between them by
a ceramic layer are arranged in a dielectric body, other
internal conductor layers also isolated between them by a
ceramic layer are arranged in the dielectric body by
being isolated from the above internal conductor layers.
10 Each of the all internal conductor layers is formed with
a cut part, and a channel part is formed around the cut
part, and the channel parts are arranged so that currents
flow in mutually reverse directions between channel parts
of internal conductor layers adjoining across a ceramic
15 layer. Consequently, the equivalent serial inductance of
the multilayer capacitor is largely reduced and
fluctuations of a power source voltage of a CPU is made
small.